

## ABSTRACT OF THE DISCLOSURE

5           The present invention provides methods and systems for presenting complex biological data in a display format that facilitates perception and apprehension by an operator. The invention presented herein leverages the bandwidth of the human perceptual system to enable operators of the invention to quickly recognize and identify trends and relationships within the data. The invention is useful in multiple applications,  
10 including applications in the agricultural, pharmaceutical, forensic, biotechnology and nutraceutical industries.